IN THE CLAIMS:

1. (Currently amended) A solid oxide fuel cell, comprising:

~~an~~ a porous doped-ceria anode ~~including a first portion of doped ceria, wherein said first portion of doped-ceria is deposited by colloidal spray deposition,~~ wherein said anode is doped with samarium oxide;

~~an~~ a doped-ceria electrolyte ~~including a second portion of doped-ceria~~ adherent to said anode;

a doped-ceria layer adherent to said doped-ceria electrolyte; and

a cathode including at least one cobalt iron manganese based material, wherein said cathode is adherent to said doped-ceria layer~~, wherein said fuel cell is capable of operating in the temperature range of 400-700°C~~.

2. (Previously presented) The fuel cell of Claim 1, wherein said anode comprises NiO and doped-ceria.

3-6. (Canceled)

7. (Currently amended) The fuel cell of Claim 1, wherein said cathode ~~is selected from the group consisting of (La, Sr)(Co, Fe) O_3, and~~ comprises (La, Ca) (Co, Fe, Mn)O_3.

8-20. Canceled